

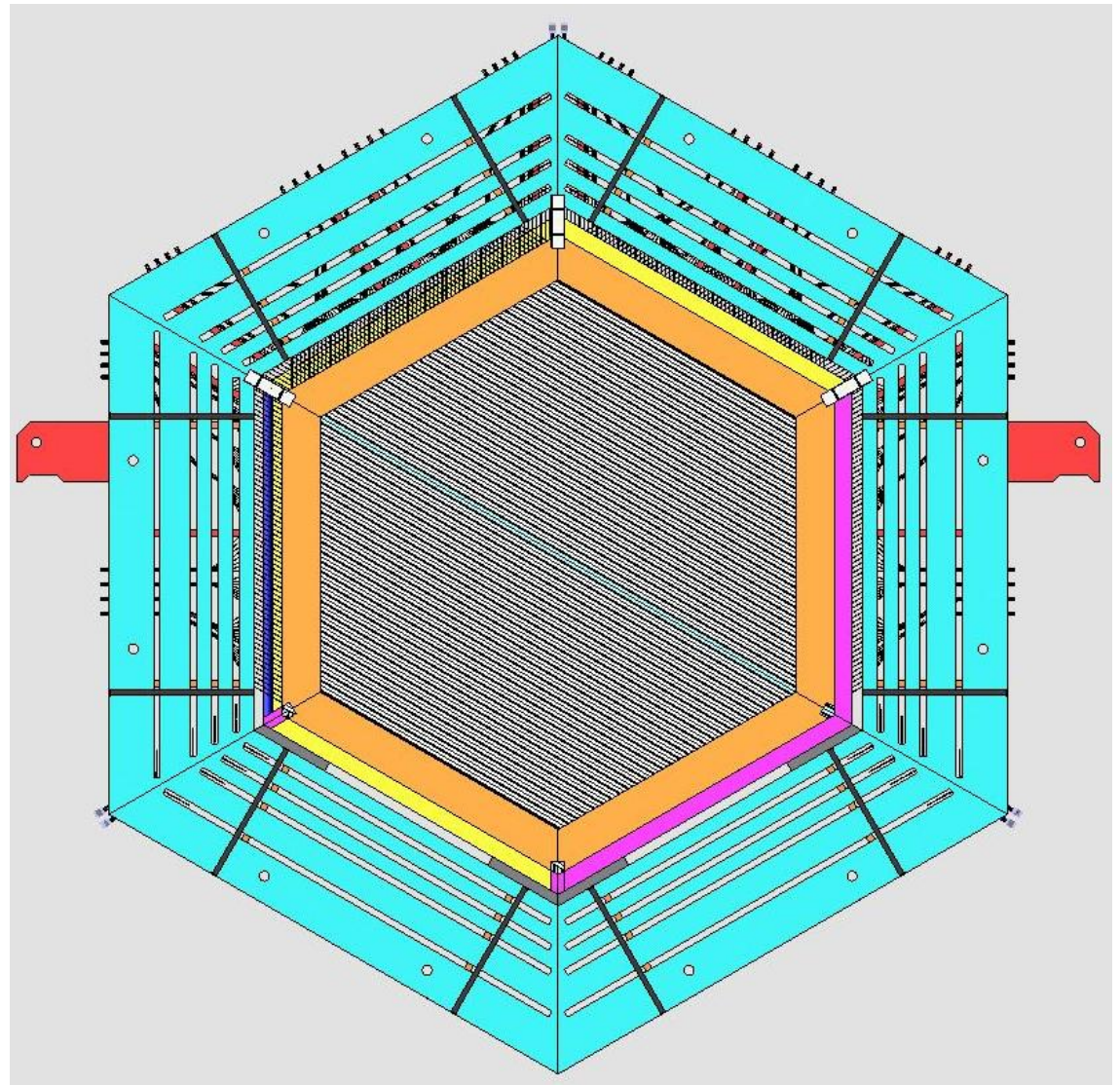


# Fiber Routing

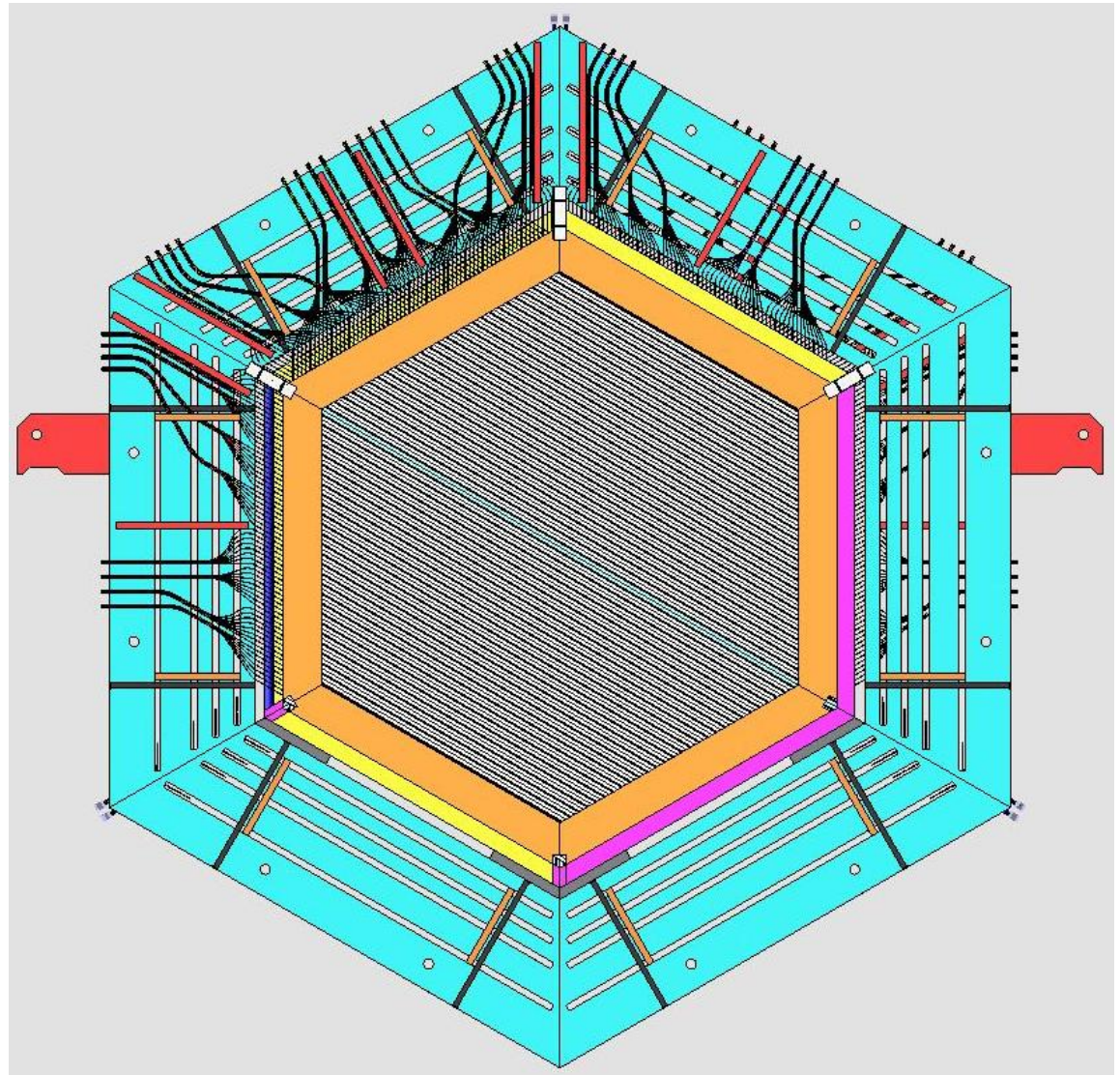
The pieces are coming  
together

# All fibers drawn 3D

- We are looking in the direction of the beam at the upstream side of the detector



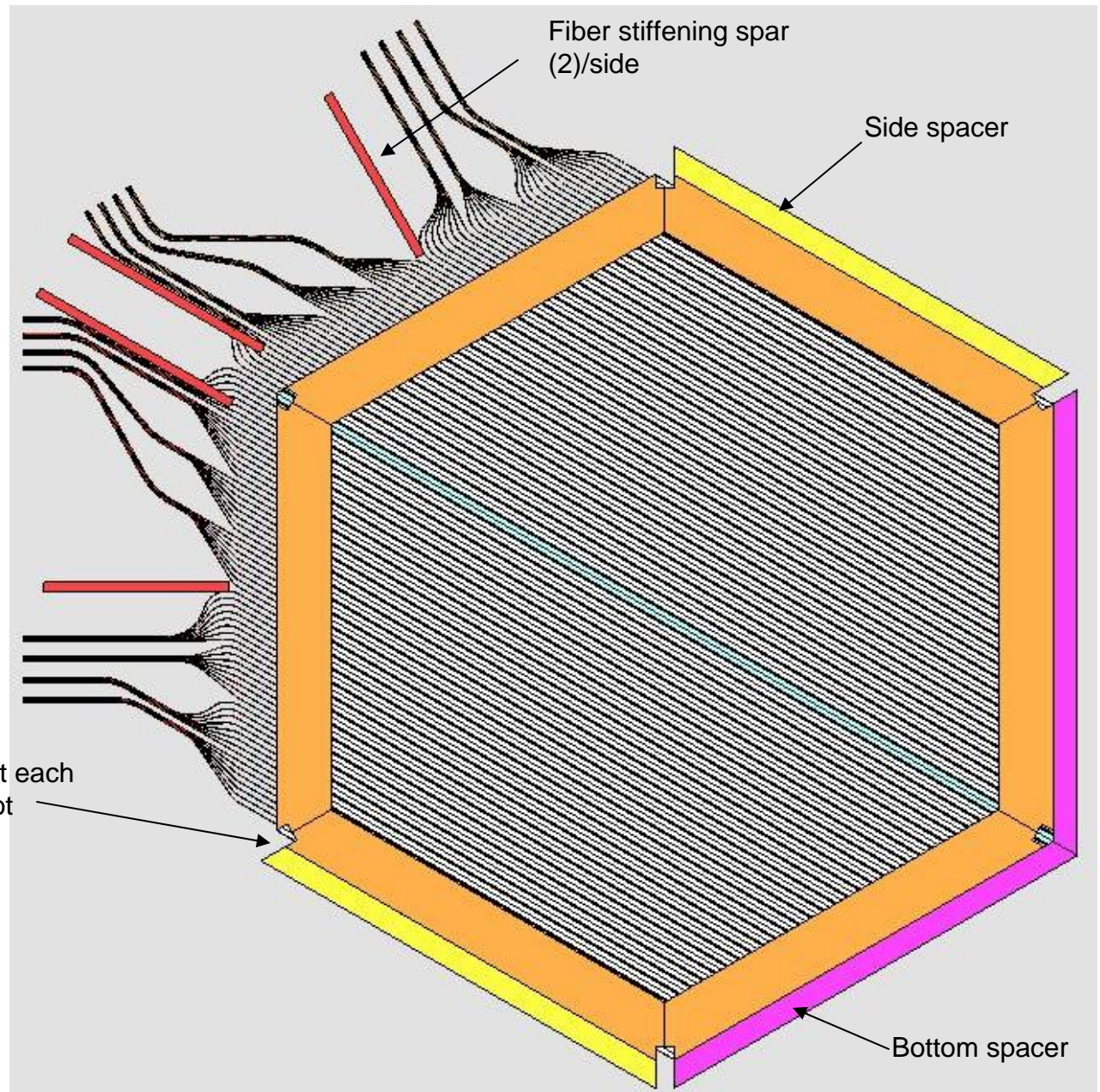
# 1<sup>st</sup> Frame Removed





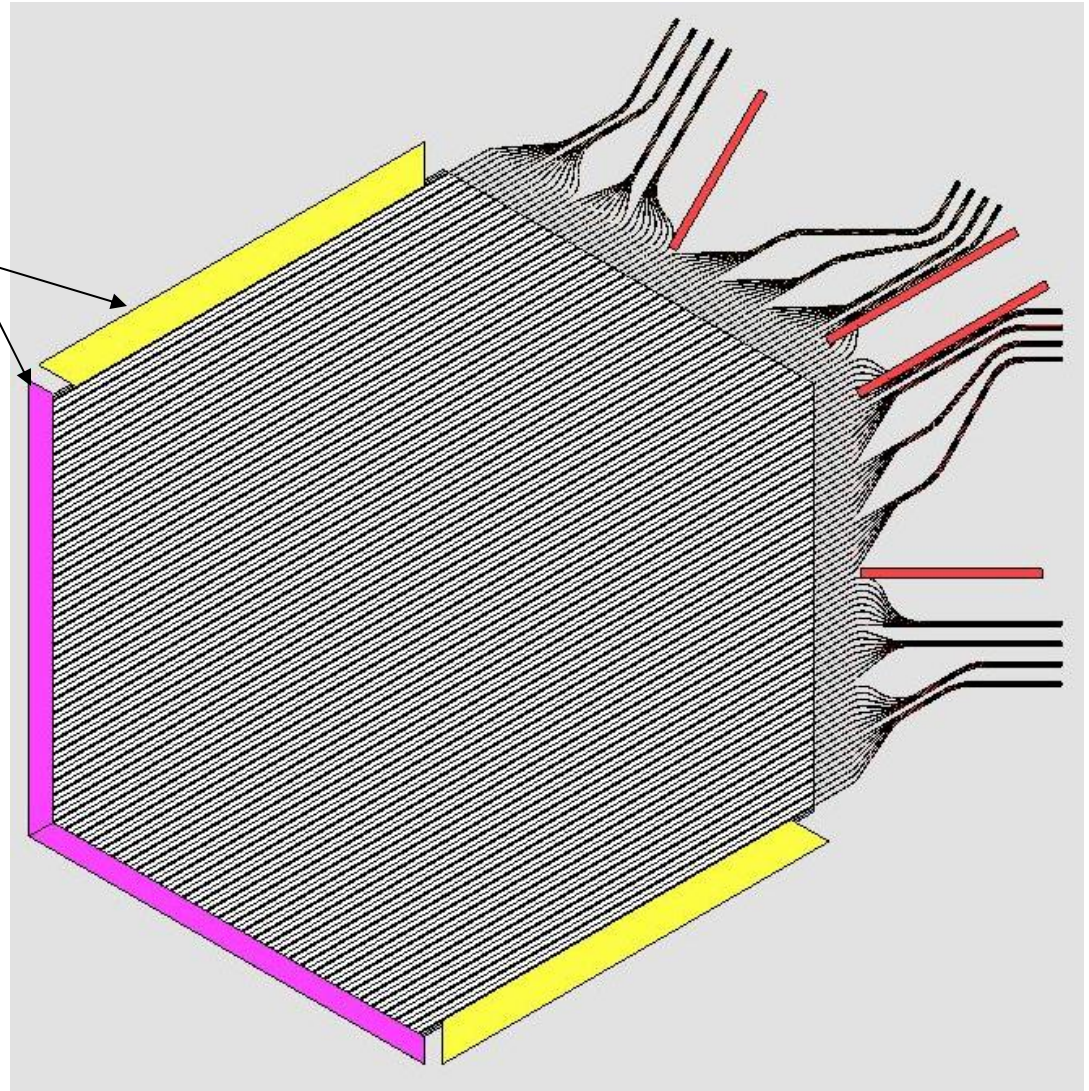
# U Plane

Notched for H-Clip at each corner, needed or not



# Plane backside, typical of all

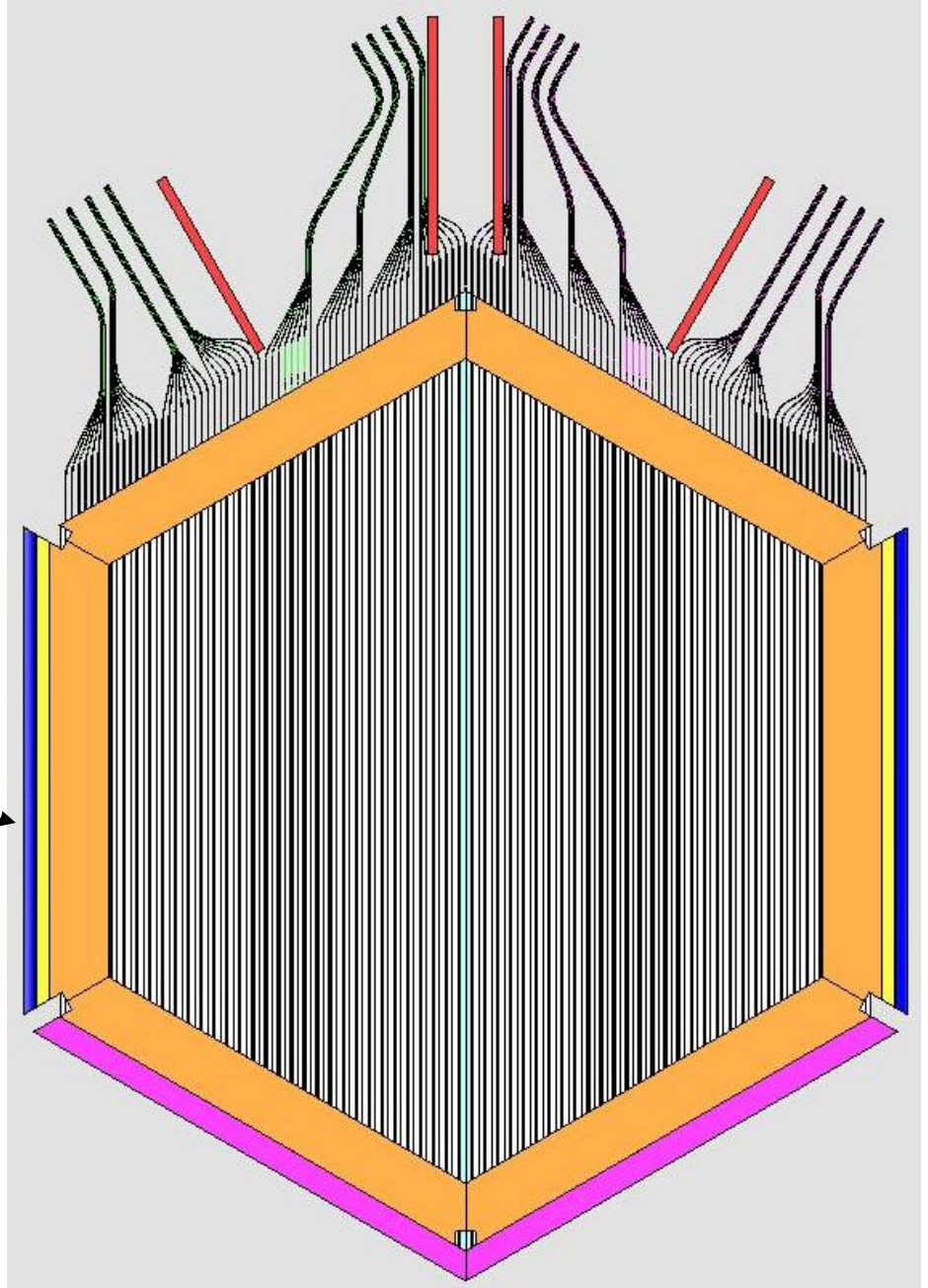
Different sized spacers





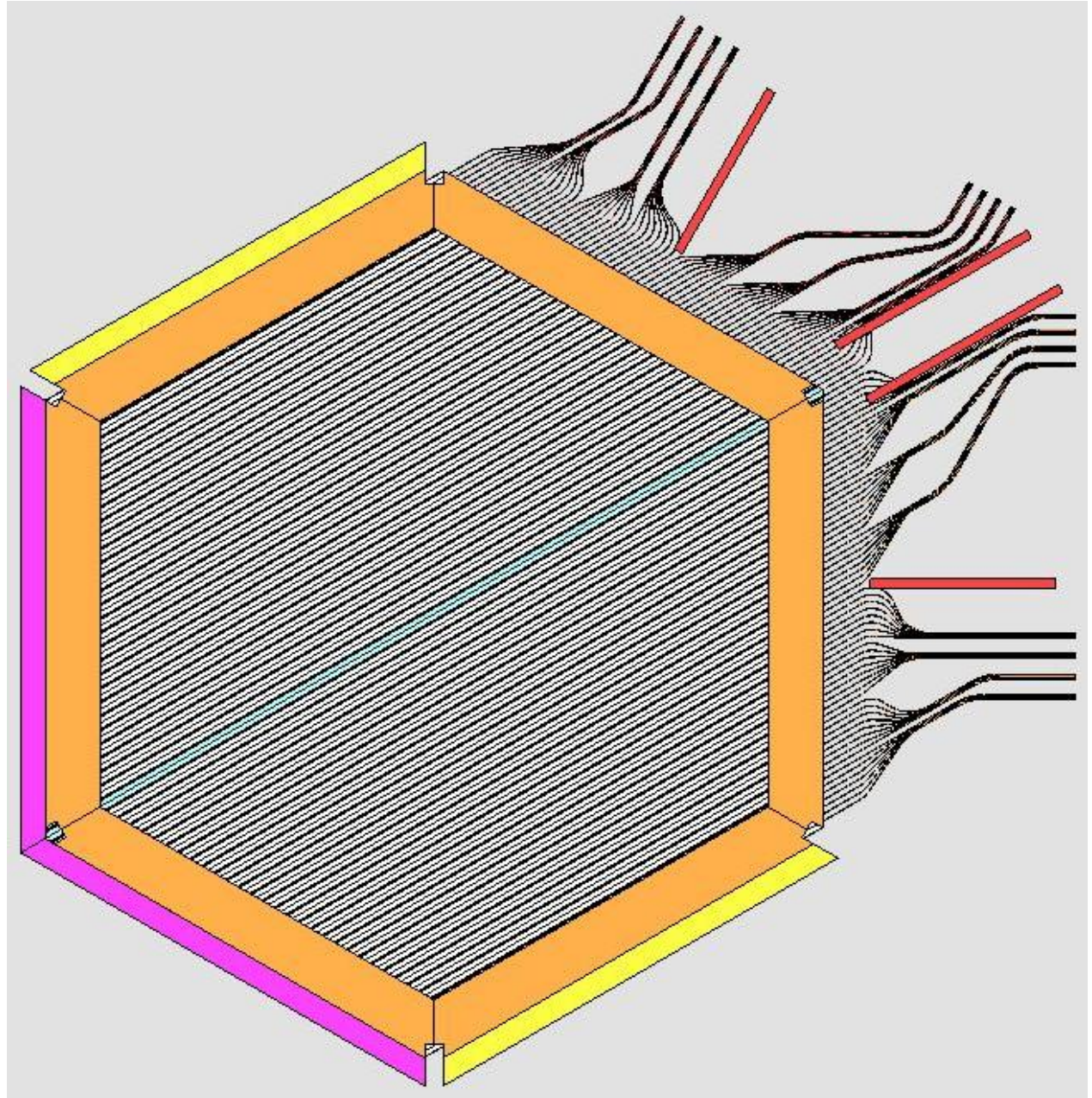
# X Plane

Side Spacers  
have curved  
relief's for fiber  
of previous  
plane, shown  
in blue



# V Plane

- Same as U plane

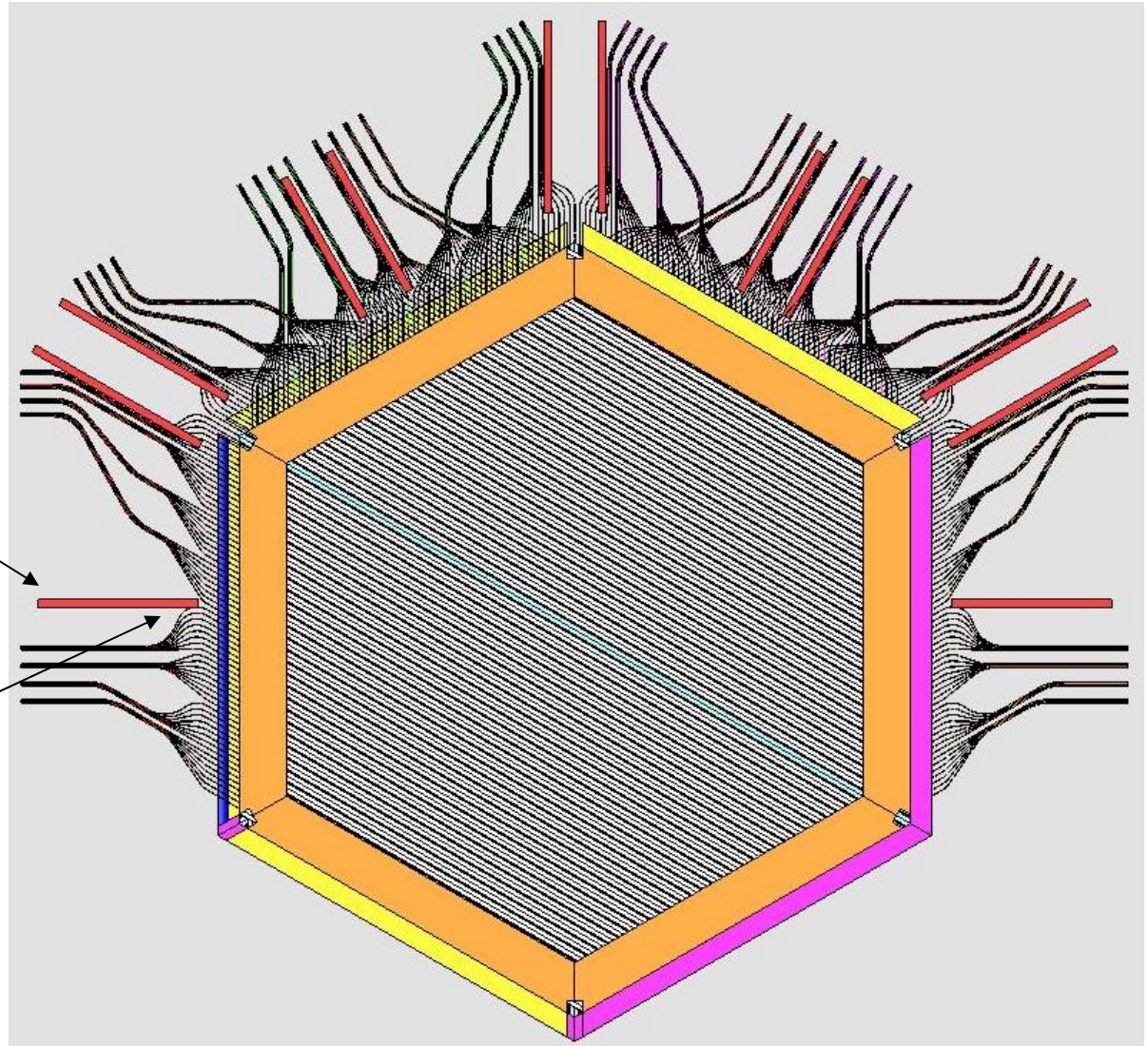




# All planes together

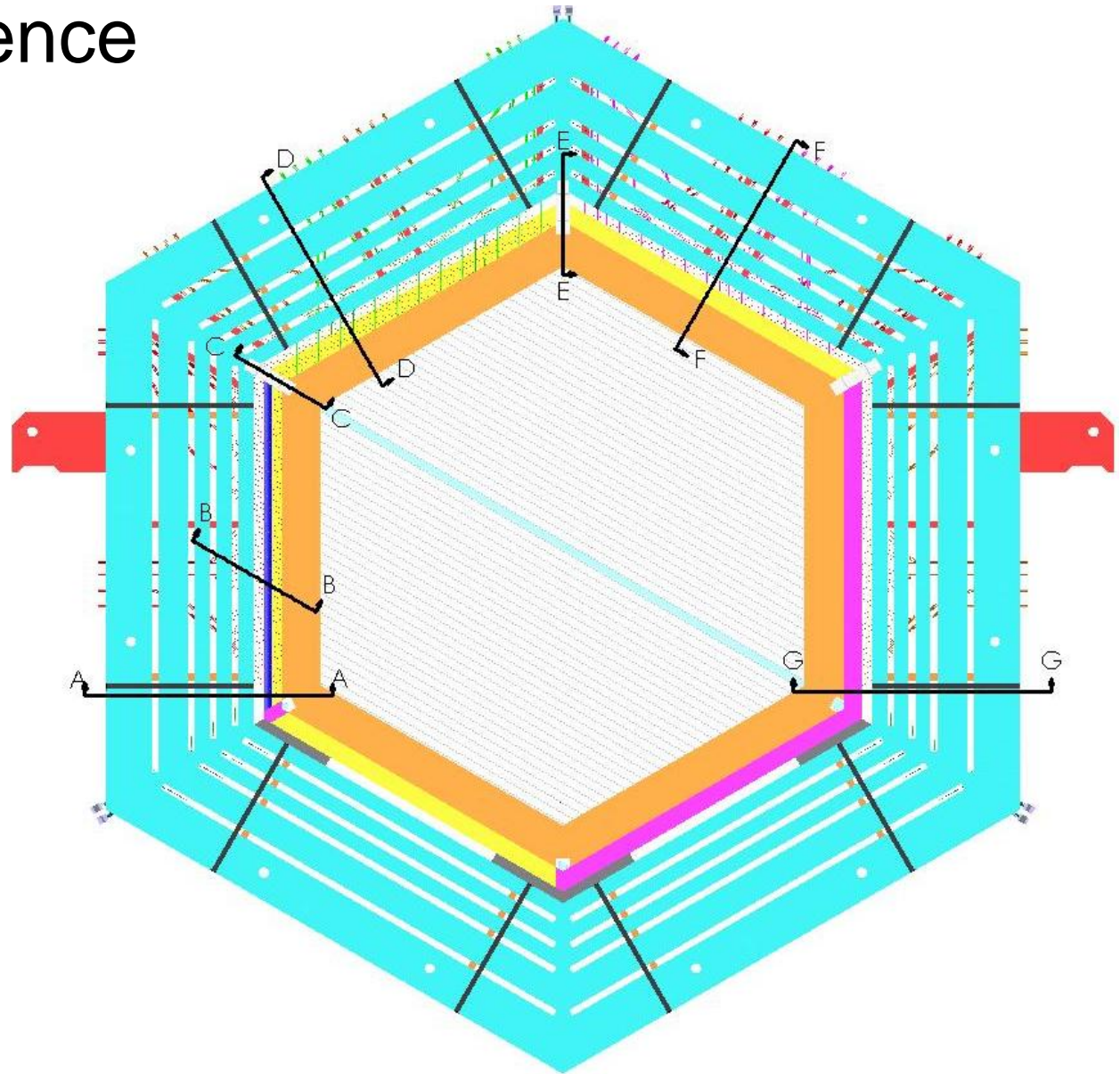
Only (2) spars can be used  
due to thickness budget &  
spacing with other planes  
They are only located at 1  
fiber areas

How the Spars attach to  
plane, TBD

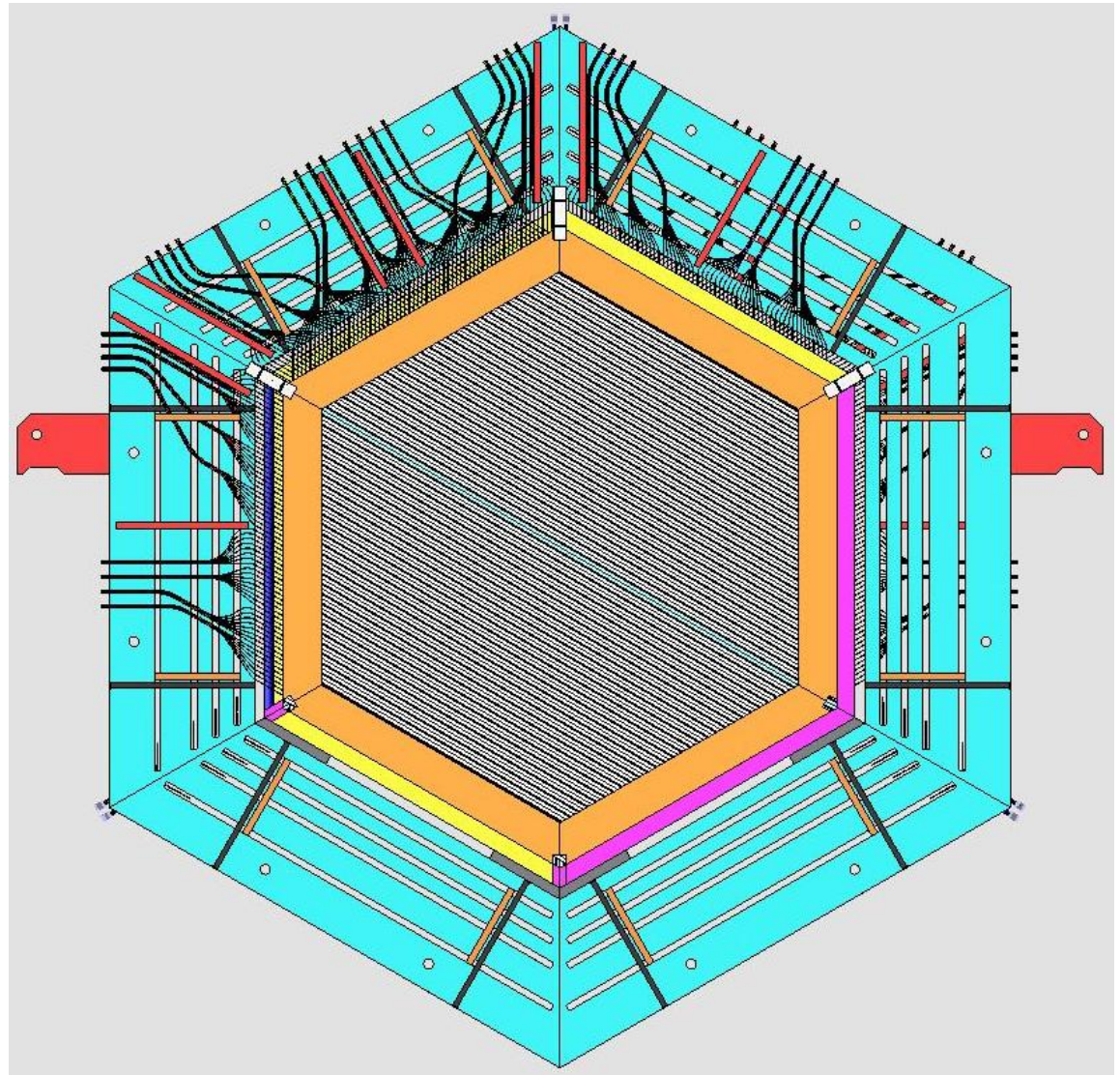




# Section reference

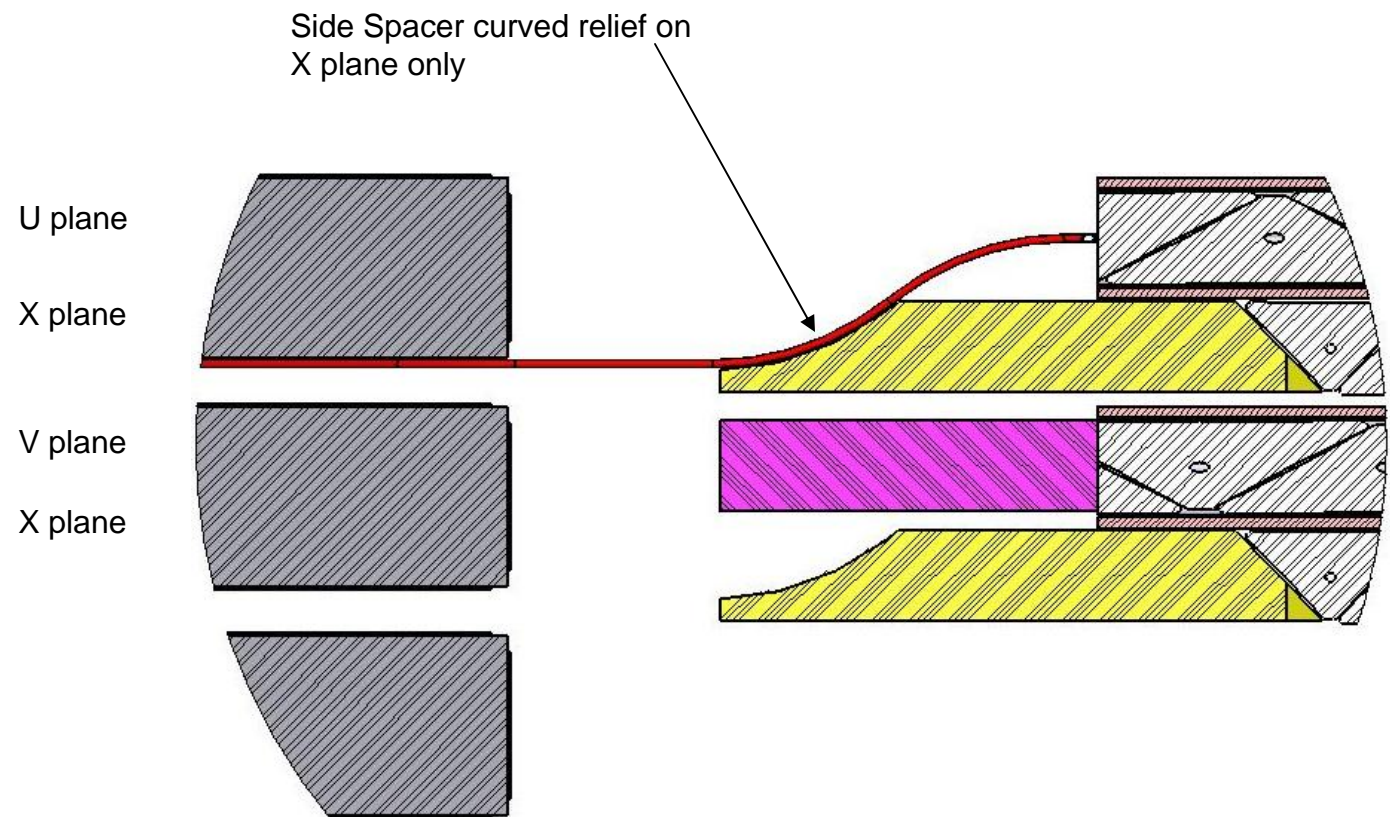


# 1<sup>st</sup> Frame Removed





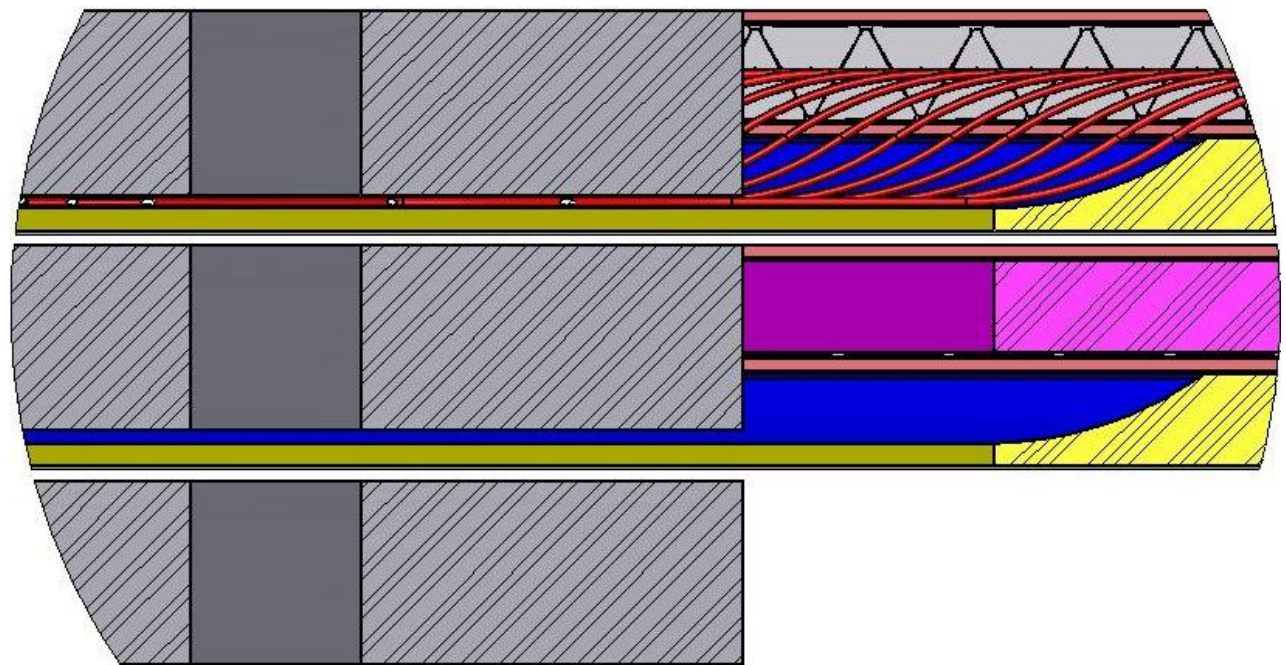
# Curved Side Spacer



SECTION A-A  
SCALE 4:1



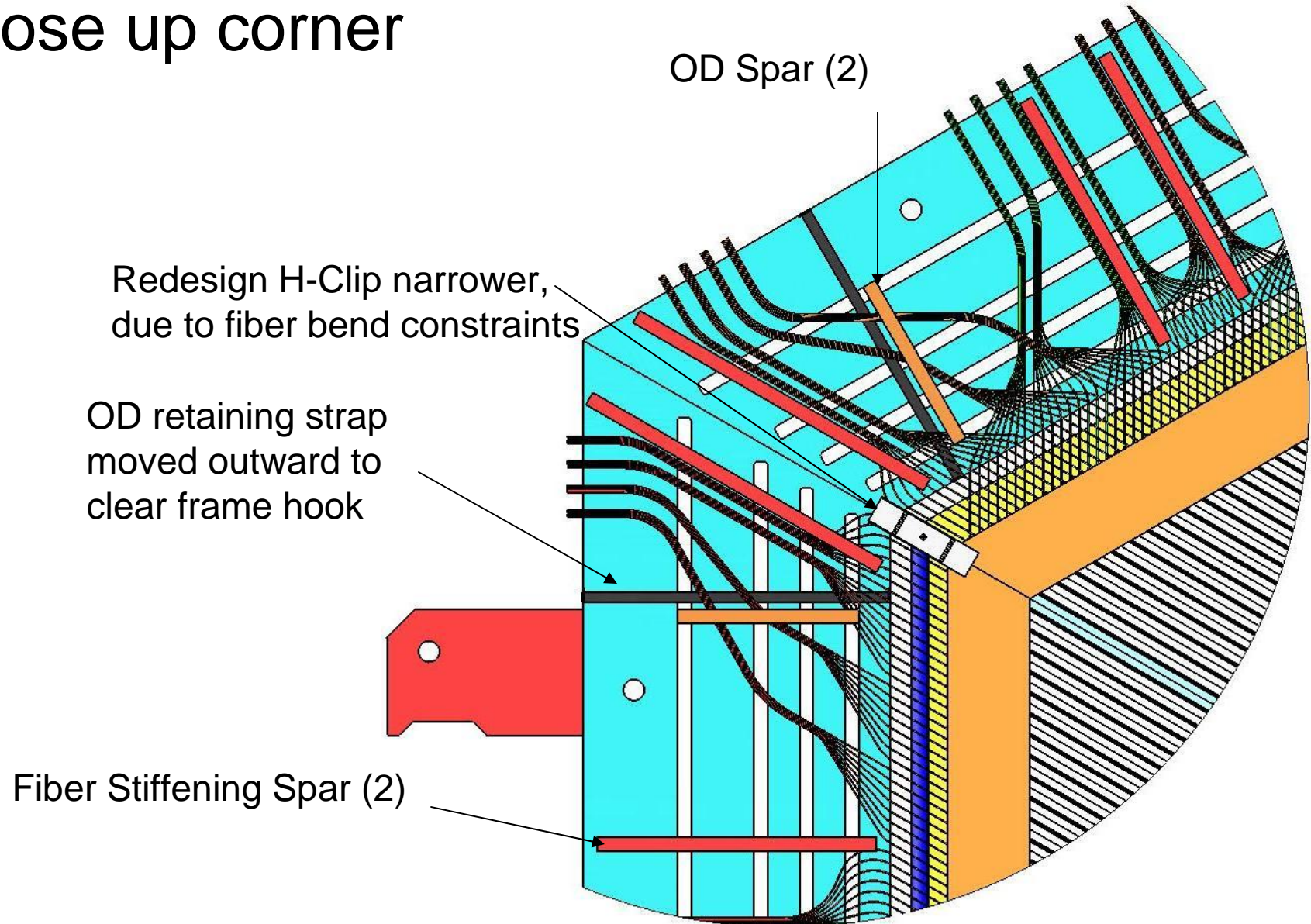
# Curved Side Spacer



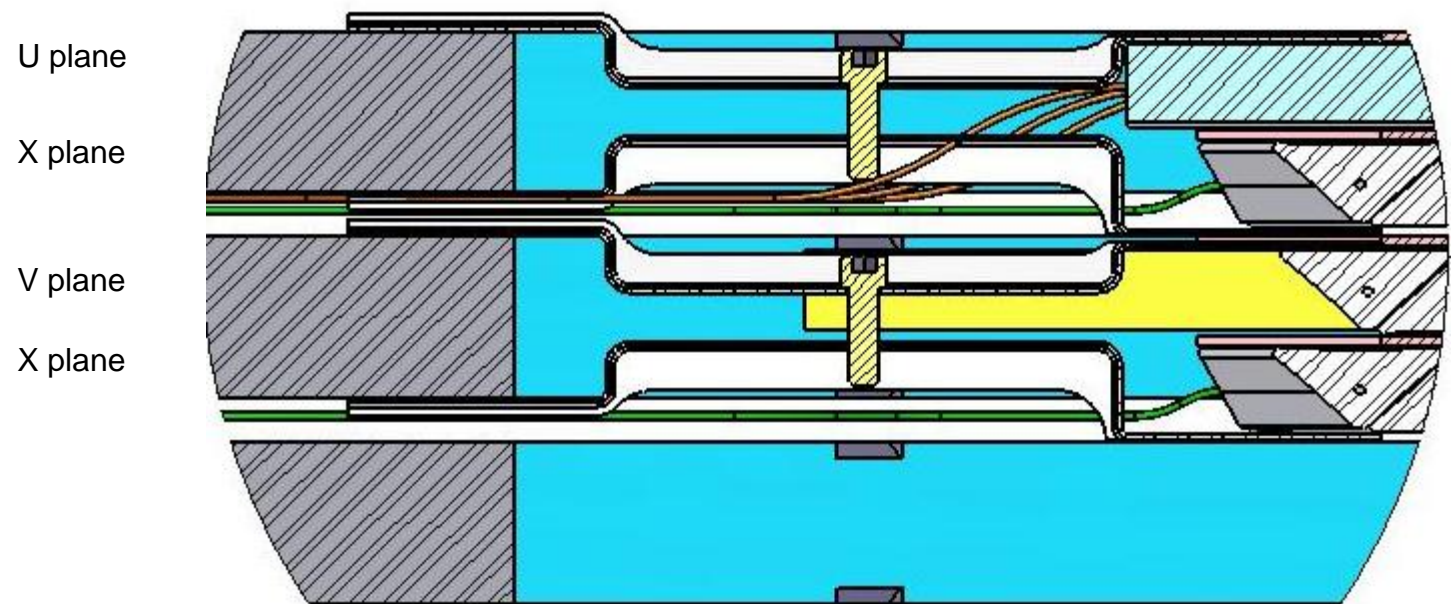
SECTION B-B  
SCALE 2 : 1



# Close up corner



# H-Clip interferes with fiber paths



SECTION C-C  
SCALE 2:1